Extron Electronics
INTERFACING, SWITCHING AND CONTROL

MPA 152 • Setup Guide

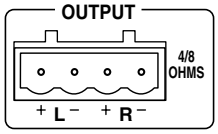
IMPORTANT:
Refer to www.extron.com for the complete user guide and installation instructions before connecting the product to the power source.

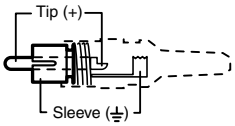
The Extron MPA 152 is an ENERGY STAR® qualified mini power amplifier. It delivers up to 15 watts (rms) per channel stereo or dual mono into a 4 ohm sound system, or 8 watts (rms) per channel into an 8 ohm system.

For complete instructions, see the *MPA 152 User Guide*, which is available at www.extron.com.

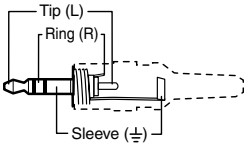
To install and set up an MPA 152, follow these steps:

1. Turn off all equipment off and disconnect from power sources.
2. Mount the Extron MPA 152 on a rack, under a desk, or on a projector pole.
3. Attach the speakers to the MPA 152 output (see the figure at right).
4. Attach inputs to the MPA 152 unit from the audio source, the projector, or both. There are three audio inputs (shown in the figure at right), which can be used individually or together:
   - One pair RCA connectors (unbalanced)
   - One 3.5 mm stereo tip-ring-sleeve connector (unbalanced)
   - One 3.5 mm, 5-pole captive screw (balanced or unbalanced)



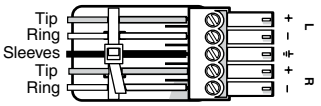


RCA Connector

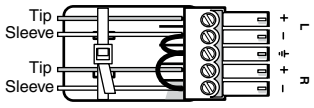


3.5 mm TRS Connector

NOTE: The MPA 152 amplifier sums all right channel inputs to a single signal and all left channel inputs to a second signal. The user may output these signals as stereo or average them to produce a dual mono signal.

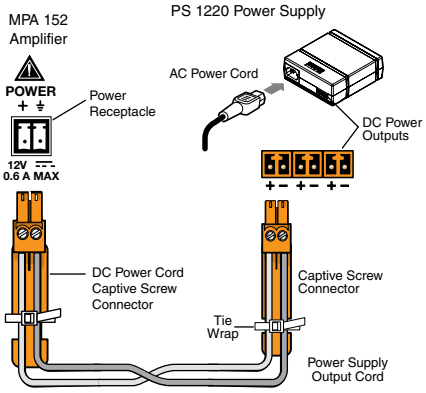


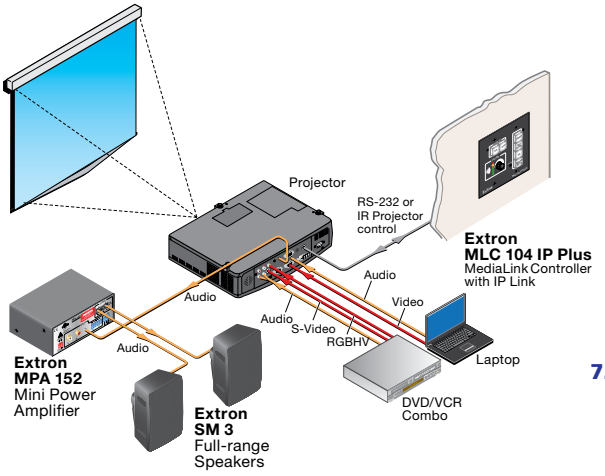
Balanced audio



Unbalanced audio

Captive Screw Connector





Ensure that the audio output from the projector is set to variable out. Multiple inputs can be used simultaneously and result in audio mixing.

5. Connect power cords to the MPA 152 and other audio equipment.

CAUTION:
- See the caution in the Power Input section of the *MPA 152 User Guide* for important information about using power supplies.
- Ensure the polarity of the wires is correct. The wire with ridges is ground or negative.

6. Adjust the MPA 152 input level, bass, and treble (see the figure at right).

   a. If connecting the amplifier to a projector, set the projector volume to its lowest point. Then adjust the MPA 152 level potentiometer fully counterclockwise.
   b. Set the projector volume to its maximum volume level (no sound should come out).
   c. Return to the MPA 152 and raise the level until sound distortion first occurs, then lower slightly until the distortion disappears. This setting ensures that, whatever the projector volume setting may be, no clipping occurs.
   d. Adjust bass and treble to preference.
7. The 3-pole "Remote" captive screw connector on the MPA 152 is used for remote control of the volume when using an Extron volume controller such as an Extron VCM 100 AAP, VC 50, or MLA-VC10 Plus. The volume can also be controlled by IR remote control of the projector volume (see the *MPA 152 User Guide*).

Extron **USA - West** Headquarters	Extron **USA - East**	Extron **Europe**	Extron **Asia**	Extron **Japan**	Extron **China**	Extron **Middle East**
+800.633.9876 Inside USA/Canada Only	**+800.633.9876** Inside USA/Canada Only	**+800.3987.6673** Inside Europe Only	**+800.7339.8766** Inside Asia Only	**+81.3.3511.7655**	**+400.883.1568** Inside China Only	**+971.4.2991800**
+1.714.491.1500	**+1.919.863.1794**	**+31.33.453.4040**	**+65.6383.4400**	**+81.3.3511.7656** FAX	**+86.21.3760.1568**	**+971.4.2991880** FAX
+1.714.491.1517 FAX	**+1.919.863.1797** FAX	**+31.33.453.4050** FAX	**+65.6383.4664** FAX		**+86.21.3760.1566** FAX	

68-1320-51 **Rev. A**
07 11

© 2011 Extron Electronics All rights reserved. www.extron.com